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APPLICANTS: PAUL C. KOCHER et al.

SEP 27 2004

SERIAL NO.: 10/005,105

Technology Center 2100

FILING DATE: December 03, 2001

TITLE: DIFFERENTIAL POWER ANALYSIS METHOD AND APPARATUS

EXAMINER: not yet known

CONFIRMATION NO: 1675

GROUP ART UNIT: 2132

ATTY. DKT. NO.: 44424162-8721

CERTIFICATE OF MAILING

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Dated: 22 September 2004

By: Michael C. Martensen

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Pursuant to the provisions of 37 CFR 1.56 and 1.97-1.98, Applicants hereby cite the references listed on the accompanying substitute PTO-1449 without inferring or suggesting, but instead expressly disclaiming any inference or suggestion, that any more pertinent reference exists. The filing of the information disclosure statement shall not be construed as a representation that a search has been made (37 CFR §1.97(g)), or an admission that the

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information cited is, or is considered to be, material to patentability. Applicants enclose herewith copies of the all cited references. All references are in the English language.

The Commissioner is authorized to charge any fees required in connection with the submission of this IDS to deposit account number 19-3140. This sheet is being submitted in duplicate.

Respectfully submitted,

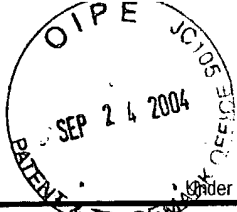
22 Feb 2004



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enclosures



Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 of 3			Complete if Known	
			Application Number	10/005,105
			Filing Date	December 3, 2001
			First Named Inventor	Paul C. Kocher
			Group Art Unit	2132
			Examiner Name	not yet known
			Attorney Docket Number	44424162-8721

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US-4,203,166	05/13/1980	Ehram et al.	
	AB	US-4,214,126	07/22/1980	Wipff	
	AC	US-4,243,890	01/06/1981	Miller et al.	
	AD	US-5,241,598	08/31/1993	Raith	
	AE	US-5,297,201	03/22/1994	Dunlavy	
	AF	US-5,341,423	08/23/1994	Nossen	
	AG	US-5,369,706	11/29/1994	Latka	
	AH	US-5,412,379	05/02/1995	Waraska et al.	
	AI	US-5,420,925	05/30/1995	Michaels	
	AJ	US-5,544,086	08/06/1996	Davis et al.	
	AK	US-5,552,776	09/03/1996	Wade et al.	
	AL	US-5,559,887	09/24/1996	Davis et al.	
	AM	US-5,600,324	02/04/1997	Reed et al.	
	AN	US-5,633,930	05/27/1997	Davis et al.	
	AO	US-5,733,047	03/31/1998	Furuta et al.	
	AP	US-5,761,306	06/02/1998	Lewis	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	AQ	EP 0 529 261 A2	03/03/1993	IBM Corp.		<input type="checkbox"/>
	AR	EP 0 582 395 A2	02/09/1994	Digital Equipment Corp.		<input type="checkbox"/>
						<input type="checkbox"/>
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				Application Number	10/005,105
				Filing Date	December 3, 2001
				First Named Inventor	Paul C. Kocher
				Group Art Unit	2132
				Examiner Name	Not yet know
				Attorney Docket Number	44424162-8721
Sheet	2	of	3		

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FOREIGN PATENT DOCUMENTS						
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
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**INFORMATION DISCLOSURE
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Sheet

3

of

3

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Application Number	10/005,105
Filing Date	December 3, 2001
First Named Inventor	Paul C. Kocher
Group Art Unit	2132
Examiner Name	not yet known
Attorney Docket Number	44424162-8721

OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	CiteN o. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AV	American National Standards for Financial Services, secretariat - American Bankers Association (ANS/ABA x9.24-1997), "Financial Services Key Management," approved April 6, 1992, American National Standards Institute; pgs. 1-71	
	AW	JUENEMAN, Robert R., "Analysis of Certain Aspects of Output Feedback Mode", Satellite Business Systems, 1998; pgs. 99-127	
	AX	BAUER, Friedrich L., "Cryptology - Methods and Maxims", Technical University Munich, 1998; pgs. 31-48	
	AY	CONNOR, Doug (Technical Editor), "Cryptographic Techniques - Secure Your Wireless Designs", 01/18/96; pgs. 57-68	
	AZ	HORNAUER et al., "Markov Ciphers and Alternating Groups," Eurocrypt 91, 1991; pgs. 453-460	
	BA	KOBLITZ, "A Course in Number Theory and Cryptography" 2e, 1994, Chapter III; pgs. 53-77	
	BB	LAI et al., "Markov Ciphers and Differential Cryptanalysis," Eurocrypt 91, 1991; pgs. 17-38	
	BC	HACHEZ et. al. "Timing Attack: What Can Be Achieved By A Powerful Adversary?" 1999	
	BD	KOCHER, Paul C., "Cryptanalysis of Diffie-Hellman, RSA, DSS, and Other Systems Using Timing Attacks," Report 7 December 1995; pgs. 1-6	
	BE	KALISKI, Burt, "Timing Attacks on Cryptosystem," RSA Laboratories, Bulletin, Number 2, January 23, 1996	

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